



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

FEB 15 2001

DOT-E 11489
(SEVENTH REVISION)

EXPIRATION DATE: September 30, 2001

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: TRW Automotive
Queen Creek, AZ
(Former grantee: TRW Vehicle Safety Systems)

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

- a. This exemption authorizes the transportation in commerce, by private carriage, of certain unapproved or unidentified as approved, air bag inflators or air bag modules or seat belt pretensioners as Division 1.4C explosives articles, subject to the packaging and special provisions prescribed herein. The air bag inflators or air bag modules may also contain flammable or non-flammable compressed gas mixtures. This exemption provides no relief from any regulation other than as specifically stated herein.
- b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 172.320 and 173.56(b), insofar as the requirements for examination, classing and approval of air bag inflators or air bag modules or seat belt pretensioners as either Class 9 or Division 2.1 or Division 2.2 articles.

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5. BASIS: This exemption is based on the application of TRW Vehicle Safety Systems dated August 30, 1999, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi- fication Number	Packing Group
Articles, explosive, n.o.s.(air bag inflators or air bag modules or seat belt pretensioners)	1.4C	UN0351	II

7. PACKAGING AND SAFETY CONTROL MEASURES:

- a. INNER PACKAGING - Receptacle, fiberboard, metal, plastic or wood, containing not more than 10 airbag inflators or airbag modules or seat belt pretensioners each, and with sufficient cushioning between devices to prevent movement during transport.
- b. OUTER PACKAGING - Non-specification BATF Type 3 steel magazine box (not less than 12 gauge thickness), lined with not less than 1.25 cm(½ inch thickness) gypsum board or plywood on all sides; or a fire-resistant safe; or a IME Safety Library Publication 22 container. Not more than 50 air bag inflators or airbag modules or seat belt pretensioners may be contained within the outer packaging.
- c. SAFETY CONTROL MEASURES - Not more than fifty outer packagings may be transported per motor vehicle.
- d. This exemption only authorizes private carriage of airbag inflators or airbag modules or seat belt pretensioners between manufacturing facilities, customer or laboratory testing locations and disposal facilities.

8. SPECIAL PROVISIONS: Shipments covered by this exemption are for development and evaluation of product and do not require EX-Approval Numbers to be marked on the outer packaging or incorporated with the proper shipping description.

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9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS:

- a. A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.
- b. Only trained employees or trained private carriers using company owned/leased or private vehicles may transport airbag inflators or airbag modules, or seat belt pretensioners under the terms of this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.)

In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



For Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

FEB 15 2001

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: sln

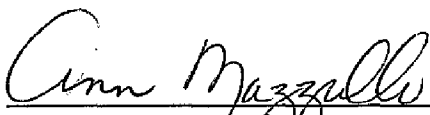
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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Inflation Systems, Inc. LaGrange, GA	Sep 15, 2000	Oct 13, 2000	Sep 30, 2001
Inflation Systems, Inc. Moses Lake, WA	Sep 15, 2000	Oct 13, 2000	Sep 30, 2001
Automotive Systems Laboratory, Inc. Armada, MI	Sep 15, 2000	Oct 13, 2000	Sep 30, 2001
Atlantic Research Corporation Gainesville, VA	Jun 15, 2001	JUN 28 2001	May 31, 2003



Robert A. McGuire
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Associate Administrator for
Hazardous Materials Safety